

[ALL AGGREGATE SAMPLING AND TESTING PER ASTM LATEST REVISION.] PERCENT PASSING (BY WEIGHT)

NOTES

1. IF SUBBALLAST IS NOT USED IN LOCATIONS WHERE POOR NATIVE SOIL CONDITIONS EXIST, SELECT MATERIAL MUST BE APPROVED BY CHIEF ENGINEER PRIOR TO USE. 2. CLASS 1 AND CLASS 2 BALLAST MATERIALS ARE REQUIRED TO BE WASHED PRIOR TO LOADING.



UNION PACIFIC RAILROAD Office of Chief Engineer Design

INDUSTRY STANDARDS

## BALLAST GRADATION **TABLE**

ADOPTED: MAY. 1, 1987 REVISED: AUG. 4, 2003 FILE NO.: EXHIBIT H-1

EXHIBIT "H-1"

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EXHIBIT

8 .oN No. 4 ..8/8 1/5.. 3/4" SIEVE OPENING (SQ. IN.) 3\4.. ٦,, "2/1 S ġ တွ် ė 8 8 Ż 8 5

PERCENT PASSING (BY WEIGHT)

CLASS 2 BALLAST FOR SECONDARY MAIN, BRANCH AND YARD TRACK (OLD "C")

CLASS 1 BALLAST FOR MAIN TRACK (OLD "D")

CLASS 3 BALLAST SCREENINGS FOR SIGNAL MOUNDS, ETC..

300 SELECT MATERIAL (SUBBALLAST - SEE NOTE)

**EXHIBIT** "H-1"